



## COMMONWEALTH of VIRGINIA

*Department of Health*  
*DIVISION OF SHELLFISH SANITATION*  
109 Governor Street, Room 614-B  
Richmond, VA 23219

Ph: 804-864-7487  
Fax: 804-864-7481

### **POTOMAC RIVER: COAN RIVER TO GINNY BEACH Growing Area #009 Northumberland County Shoreline Sanitary Survey**

**Date:** 12 April 2006  
**Survey Period:** January 23, 2006 – April 5, 2006  
**Total Number of Properties Surveyed:** 1171  
**Surveyed By:** D.R. Beuchelt

#### **SECTION A: GENERAL**

This survey area extends from Reference Point 9 at Great Point to Reference Point 10 at the end of State Route 739 (extended at a right angle from Route 649), including the Potomac River shoreline between these two points, Cod Creek, Presley Creek, Corbin Pond, Hull Creek (Spring Cove, Fleets Cove, Fountain Cove, Floyds Cove, Bridgeman Creek, and Rogers Creek), Cubitt Creek, Lowes Pond, Condit Pond, Black Pond, Hack Creek, Flag Pond, and all of their tributaries. The survey boundary has been revised. See map for current survey boundary.

The topography of the area surveyed begins with an elevation of 5' along the shoreline and increases to 100' with a maximum of 108' in places at the outer edge of the survey boundary. The area within the boundary drawn by the Division of Shellfish Sanitation is supplied with numerous first and second order streams (rivulets) that feed into the small tributaries of the Potomac River.

Development on the Coan River to Ginny Beach area is progressing at a steady rate. There are several areas of heavy concentration and new subdivisions under development. Developments include: Pine Point Estates, Bay Quarter Shores, Potomac Bay Estates, Sands on the Potomac, Pleasant Point, Hull Harbor, Oyster Cove, Chesapeake Cove, White Sand Harbour, Lower Bayview, Upper Bayview, Harbour Pointe, Lighthouse Harbour, and Northumberland Plantation. At the time of the survey it was found that new areas have been surveyed into building lots and will be under development in the near future. Some homeowners in these developments have purchased secondary sewage systems and small lots to accommodate remote absorption fields for their residential property. When possible, copies are obtained of the remote absorption fields and are filed with the Shoreline survey report in the Richmond office.

According to the Virginia Employment Commission (via VELMA) during 2005 there were 3237 employees located in Northumberland County showing the largest major industry sector as manufacturing with 23 percent of the employment, followed by construction with 13 percent and retail trade, also at 13 percent. The total civilian labor force in

Northumberland County for February 2006 was 6,031 of which 5,681 were employed and 350 were unemployed giving the county an unemployment rate of 5.8 percent.

The 2004 population of Northumberland County was estimated at 12,893. This represents a 14.1 percent increase from 1994.

Meteorological data indicated that 2.65" of precipitation fell during the survey period, with March setting the lowest record in 109 years. A monthly breakdown follows:

January 23-31, 2006	0.68"
February	1.15"
March	0.45"
April 1-5	<u>0.37"</u>
Total	2.65"

There were no Sewage Treatment Facilities found in the survey. Found were 14 on-site deficiencies, 27 properties marked as potential deficiencies, 1 industrial site, 1 solid waste site, 23 boating activity sites, and 3 sites marked for animal pollution. Two campgrounds were found, both which accommodated persons visiting the Bay Quarter Shores and the White Sand Harbour sub-divisions.

It is important to note that this area has grown by 300 properties since the 1998 survey. Some properties are vacation/summer properties. Private docks accompany many of the properties.

Copies of Bacteriological, Hydrographic and Shellfish Closure data are available at the area office for review. Copies of the current condemnation notices and maps are available via the internet at <http://www.vdh.virginia.gov/oehs/shellfish/>.

This report lists only those properties that have a sanitary deficiency or have other environmental significance. "***DIRECT***" indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond office of the Division of Shellfish Sanitation and are available to local health departments and other agencies to address items that may be out of compliance with their regulatory programs.

## SECTION B: SEWAGE POLLUTION SOURCES

### SEWAGE TREATMENT FACILITIES

- None -

### ON-SITE DEFICIENCIES

1. ***DIRECT*** – CONTRIBUTES POLLUTION – Location: 315 Potomac Shore Drive, Heathsville 22473. Dwelling – 1 story white cinderblock with light green shingles. No Contact. Found was an outside shower, soiled clothes and soap. Located < 50' from the watershed sloped with an elevation of 5'. Sanitary Notice issued 1/23/06 to Field #10. Tax Map # 11-A(1)-17.
7. CONTRIBUTES POLLUTION – Location: 183 Floral Drive, Heathsville 22473. Dwelling – 1 story dome shaped metal building. No Contact. House sewer pipe (PVC) is cracked with part of the sewer pipe missing. Sanitary notice issued 1/27/06 to Field # 114. Tax Map # 11-(1)-29P.

8. **DIRECT** – CONTRIBUTES POLLUTION – Location: 101 Circle Dr. Heathsville 22473. Dwelling – 1 story log cabin. No Contact. Found was an outside shower which is located < 30` from, and drains directly into, Cod Creek. Shower is equipped with hot and cold water faucets. Sanitary notice issued 1/30/06 to Field # 155. Tax Map # 11-B(1)-95.
20. CONTRIBUTES POLLUTION – Location: 194 Coral Drive, Heathsville 22473. Dwelling – white mobile home with black shutters and light gray shingles. No Contact. Found on 2/9/06 was a home-made apparatus which was pumping effluent from the absorption field into the woods onto ground surface. A call was placed immediately to Elizabeth Anderson, Environmental Health Specialist for Northumberland County Health Department. Mrs. Anderson visited the property, taking pictures, during the survey. A Sanitary Notice was issued 2/9/06 to Field # 331 by mail to the owner of the property. Later the same day, Mrs. Anderson made contact with the tenant at this property. The homemade apparatus was not found on 2/10/06. Tax Map # 11-B(15)-38.
22. CONTRIBUTES POLLUTION – Location: 147 Elmington Place, Heathsville 22473. Dwelling – Older mobile home, beige with an addition. No Contact. Effluent from septic system/grease trap is pooling onto ground surface from a broken concrete lid. Area is covered with plywood. Sanitary Notice issued 2/9/06 to Field # 339. Tax Map # 11-B(15)-52.
27. **DIRECT** – CONTRIBUTES POLLUTION – Location: 31 Fountain Gate Rd., Heathsville 22473. Dwelling – 1 ½ story white with black shingles and black shutters. Property is fenced. No Contact. Found was a white PVC pipe which discharges into a ditch (located on Route 636 and emptying into Hull Creek via a ravine). Discharge appears sudsy. Algae growth present in ditch. (Since the survey visit, while on a seawater collection run in the area, this discharge has also been observed by C. J. Vanlandingham, Field Director of the White Stone office.) Sanitary Notice issued 2/17/06 to Field # 454. Tax Map # 18-(1)-7.
30. NO FACILITIES – Location: On Sandy Beach Road, Heathsville 22473. Dwelling – white Prowler camper. No Contact with owner, but on-site during survey was Mr. Dunn (AOSE) taking soil samples and preparing a site for a septic system. Waste disposal is unknown. Available was an out side, solar-heated shower and other items indicating frequent use of the site. Sanitary Notice issued 2/21/06 to Field # 496. Tax Map # appears as 18-(1)-109-C.
38. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: On Oyster Way (Route 1060), Heathsville 22473. Dwelling – Old Camino travel trailer, beige with orange and brown stripes. No Contact. Wastewater from the gray holding tank has been discharged onto ground surface. (Note: This was also been observed by Rosalie Coultrip, EHS for Northumberland County Health Dept.).

NO FACILITIES – waste disposal of the black tank is unknown. A Sanitary Notice was issued on 3/6/06 to Field # 677. Discovered was the fact that the property had sold two months before. A Notice was then reissued to the new property owner and a letter of apology was sent to the former owner. Tax Map # 26-B(1)-61.

48. **DIRECT** – CONTRIBUTES POLLUTION – Location: On Rogers Creek, Heathsville 22473. Dwelling – 2 story, white asbestos shingles with green roof shingles. No Contact. Concrete lids on tanks are cracked. Open area between tanks exposes clay sewer tile pipe. Located within 100' of Rogers Creek at approximately 10' elevation and sloping to 5'. Sanitary Notice issued 3/10/06 to Field # 763. Tax Map # appears as 18-B(1)-9.
53. **DIRECT** – NO FACILITIES – Location: On Shadetree Lane, Heathsville 22473. Dwelling - A series of attached sheds made to accommodate living quarters- beige in color. No Contact. Waste disposal unknown. Sheds are located within 100' of Cubitt Creek and are parallel to the property line and  $\leq 4'$  from a drainage ditch which runs to the watershed. Sanitary Notice issued 3/20/06 to Field # 891. Tax Map # 19-A(3)-241.
59. **DIRECT** – NO FACILITIES – Location: On Wildlife Drive, Heathsville 22473 – Intruder camper, beige with green stripes. No Contact. Waste disposal unknown. Camper is located at 10 – 20' elevation and is down slope  $\leq 60'$  from the watershed. Sanitary Notice issued 3/29/06 to Field # 1048. Tax Map # 20-(6)-6.
61. **DIRECT** – NO FACILITIES – Location: End of Route 643 on Vir Mar Beach Road, Heathsville 22473.. No Dwelling. No Contact. Public Landing for use by citizens of Northumberland County. A sign is posted by the county stating that there are no public facilities for use at this location. This location will be under surveillance. Tax Map # 20-(1)-30.
62. **DIRECT** – NO FACILITIES – Location: 316 Flag Pond Lane, Heathsville 22473. Dwelling – older travel trailer, white with blue trim. No Contact. Waste disposal is not known, however, a PVC pipe runs along the ground surface in close proximity to the travel trailer's waster release valve and , 50' from marsh grass of Flag Pond. Sanitary Notice issued 3/30/06 to Field # 1078. Tax Map # 20-B1(1)-23.
67. **DIRECT** – CONTRIBUTES POLLUTION – Location: 446 Devils Woodyard Rd., Heathsville 22473. Dwelling – 1 ½ story white asbestos shingles with green roof shingles and green trim. No Contact. Area over septic system and absorption field lines show signs of malfunction. Area is  $\leq 100'$  at approximate 10' elevation from watershed. Sanitary Notice issued 4/4/06 to Field # 1158. Tax Map # 21-A(2)-4.

#### POTENTIAL POLLUTION

3. Location: 227 Potomac Shore Dr., Heathsville 22473. Dwelling – 1 story green siding. No Contact. A black 1 to 1 ½ inch pipe (hose) is running onto beach. Origin is unknown. Sanitary Notice issued 1/24/06 to Field # 27. Tax Map # 11-A(1)-51.
9. Location: 120 Camp Rd., Heathsville 22473. Dwelling – Prowler travel Trailer, Cream colored with blue, brown and red stripes. No Contact. Sewer hose is disconnected from the waste discharge valve. The valve is uncapped. Sanitary Notice issued 1/31/06 to Field # 171. Located on Lot 20 at Bay Quarters Shores Campground.

10. Location: 120 Camp Rd., Heathsville 22473. Dwelling –Old Travel Trailer, repainted white with black and gold stripes. No Contact. Unapproved waste disposal valve cap. Sanitary Notice issued 1/31/06 to Field # 175. Located on Lot 32 at Bay Quarters Shores Campground.
11. Location: 120 Camp Rd., Heathsville 22473. Dwelling – Wilderness Travel Trailer, cream with orange strip. No Contact. Waste disposal valve cap is missing. Sanitary Notice issued 1/31/06 to Field # 177. Located on Lot 37 at Bay Quarters Shores Campground.
12. Location: 120 Camp Rd., Heathsville 22473. Dwelling – Old Holiday Travel Trailer, white. No Contact. Waste disposal valve cap is missing. Sanitary Notice issued 1/31/06 to Field # 183. Located on Lot 13 at Bay Quarter Shores Campground.
14. Location: 568 Bay Quarter Drive, Heathsville 22473. Dwelling – 1 story gray shingle siding with gray roof shingles and white trim. No Contact. It appears a black hose may be used to drain off storm water. No sign of discharge at time of survey.
15. Location: 544 Bay Quarter Drive, Heathsville 22473. Dwelling – 1 story beige with red shutters and brown shingles. No Contact. It appears the 2-inch pipes are used to drain storm water from under the house. No sign of discharge at time of survey.
16. Location: 416 Bay Quarter Drive, Heathsville 22473. Dwelling – 2 story gray with medium gray shutters and gray shingles. No Contact. A black pipe extends from foundation of house. Part of the pipe is buried underground. No sign of discharge at time of survey.
17. Location: 260 Bay Quarter Drive, Heathsville 22473. Dwelling – 2 car garage (with apartment over head), gray siding, and gray shingles. No Contact. Concrete lid, 24-inch in diameter, cracked. Unsure of origin, but it does not appear to be part of the septic system.
18. Location: 154 Florida Dr. Heathsville 22473. Dwelling – 1 story gray with red shutters and gray shingles. No Contact. Area over absorption field has dark grass. No evidence of effluent pooling or odor.
19. Location: On Route 1408, Hampton Place, Heathsville 22473. Dwelling - small, 1 car garage, (house has been removed). No Contact. 4 inch PVC house sewer pipe is not capped off. Sanitary Notice issued 2/9/06 to Field # 327. Tax Map # 11-B(15)-30.
21. Location: 98 Coral Drive, Heathsville 22473. Dwelling – 1 story light gray siding with blue shutters and black shingles. No Contact. Rainwater is pooling on ground surface over drain field. No sign of malfunction of septic system.
23. Location: 104 Elmington Place, Heathsville 22473. Dwelling – mobile home with dark brown trim and green shutters. No Contact. Waste disposal valve cap is missing. Sanitary Notice issued 2/10/06 to Field # 350. Tax Map # 11-B(15)-77.

25. Location: Lot 1 in Potomac Bay Estates on Newman's Neck Road, Heathsville 22473. Dwelling – 1 ½ gray siding with black shingles and white trim and unattached 3-car garage with apartment overhead. No Contact. Casing on riser for septic system is broken. Sanitary Notice issued 2/16/06 to Field # 446. Tax Map # 12-A(1)-1.
28. Location: 162 Spinmaker Lane, Heathsville 22473. Dwelling – 1 ½ story gray with white trim and black shingles. 2 persons. Area over absorption field has dark grass. No sign of malfunction.
35. Location: 988 Newman Neck, Heathsville 22473. Dwelling – 1 story white asbestos siding/cinder block siding with black trim and light gray shingles. No Contact. Property is overgrown and covered with junk, etc.
39. Location: 2347 Hull Neck Rd., Heathsville 22473. Dwelling – 1 story white vinyl siding and black shingles. No Contact. Property is covered with trash, old cars and other junk.
40. Location: 2423 Hull Neck Rd., Heathsville 22473. Dwelling – 1 story white asbestos shingles with black trim. No Contact. 1-inch PVC pipe to ground surface. No discharge found. Origin unknown.
49. Location: 4228 Hull Neck Rd., Heathsville 22473. Dwelling – 1 story yellow siding with white trim and red shutters. No Contact. Grass is tall and dark over drain field. No signs of malfunction.
51. Location: 1914 Hull Neck Rd., Heathsville 22473. Dwelling – 1 story beige vinyl siding with brown shutters and light brown shingles. 1 person. Property was covered with bags of trash, old junk and debris.
55. Location: 324 Fleet Rd., Heathsville 22473. Dwelling – 2 story, barn-type house with light brown siding, brown shingles and white trim. No Contact. Area over absorption field has tall dark grass. No sign of malfunction.
57. Location: 192 Blue Heron Dr., Heathsville 22473. Dwelling – 1 ½ story green and stone siding with grayish-brown shingles. No Contact. Area over absorption field has tall dark grass. No signs of malfunction.
58. Location: 340 Lighthouse Lane, Heathsville 22473. Dwelling – 1 ½ tan vinyl siding with brown shingles, green shutters with attached garage. 2 persons. Area around septic system has tall grass. No signs of malfunction.
63. Location: 163 Riley Lane, Heathsville 22473. Dwelling – 1 story yellow siding with green shutters and gray shingles. No Contact. Small, green access cover on system is broken and needs to be replaced. Sanitary Notice issued 3/31/06 to Field # 1098. Tax Map # 2-B1(1)1-49.
65. Location: 1148 Brammer Dr, Heathsville 22473. Dwelling – 2 story brick with white shutters and multi-colored shingles. No Contact. Concrete lid is cracked and needs to be replaced. No signs of malfunction. Sanitary Notice issued on 3/31/06 to Field # 1110. Tax Map # 20-B1(1)1-1.

66. Location: 646 Devils Woodyard Rd., Heathsville 22473. Dwelling – 1 story pink with brown shingles and light green shutters. No Contact. Area over absorption field has slightly settled. Grass is darker over the lines. No signs of malfunction.
68. Location: 219 Driftwood Trail, Heathsville 22473. Dwelling – 1 ½ story yellow asbestos siding with gray shingled roof and white trim. No Contact. 2 inch PVC pipe extends from the foundation of the house. No discharge at time of survey. Origin of pipe unknown. Sanitary Notice issued 4/4/06 to Field # 1191. Tax Map # 29-(1)-173.

## SECTION C: NON-SEWAGE WASTE SITES

### INDUSTRIAL WASTES

46. ***DIRECT*** - Location: On Hull Neck Rd., Heathsville 22473. Dwelling – boat house, ramp, dock. Facility No. 153. No Contact. One 500-gallon fuel tank < 15' from watershed.

### SOLID WASTE DUMPSITES

36. Location: 844 Newmans Neck Rd., Heathsville 22473. Property is posted as No Trespassing/Private Property. No Contact. Unable to access or estimate total acreage. Property is an open dump site used to discard municipal solid waste, bulky waste, organic wastes, yard wastes, construction and demolition debris. This site does not appear to be a controlled dump or secured landfill. The access road is chained and gives the impression to be a private dumping site. Contact was made with the Northumberland County Administrator's Office to obtain additional information. A return call has not been received as of this report.

## SECTION D: BOATING ACTIVITY

### MARINAS

- None -

### OTHER PLACES WHERE BOATS ARE MOORED

2. Location: On Potomac Shore Drive, Heathsville 22473. Owners: Pine Point Civic Association. Community ramp and pier. No Contact. Services available are 16 slips and an in-out ramp. Facility No. 796.
4. Location: 2289 Clarketown Rd., Heathsville 22473. Owner: Francis Haynie. Private ramp and pier. No Contact. Service available is an in-out ramp. Facility No. 765.
13. Location: 1004 Bay Quarter Dr., Heathsville 22473. Owners: Bay Quarter Shores Association. Contact made with Mr. Frank Stewart, Vice President. Services available are Clubhouse with restroom facilities, pool, picnic area, beach, in-out ramp, electricity, and solid waste containers. Facility No. 1509.

- 41. Location: On Candy Point Rd. Owners: Robert and Mary O'Neill. Private docking facility. No Contact. Services available are 7 slips, water and electricity. Facility No. 1151.
- 45. Location: On Hull Neck Rd., Heathsville 22473. Owner: Roxanne Quilter. No Contact. Services available are 4 slips, water and electricity. Facility No. 1154.
- 46. Location: On Hull Neck Rd., Heathsville 22473. Owner: A. Davis Bugg. Private docking facility. No Contact. Services available are 5 slips, fuel, in-out ramp, water and electricity. Facility No. 1153.

#### **UNDER SURVEILLANCE**

- 6. Location: On Clarke Lane, Heathsville 22473. Owner unknown. No Contact. Private Dock for landowners.
- 24. Location: On Potomac Dr., Heathsville 22473. Owners: Potomac Bay Estates, Ray Michelini, President. No Contact. Services available are 2 slips, in-out ramp and pier. Facility No. 799.
- 29. Location: Lot 66 on Spinnaker Lane, Heathsville 22473. Owners: Sands on the Potomac Homeowners Association. No Contact. Services available are dock, in-out ramp, solid waste cans and commons area.
- 31. Location: On Fountain Gate Rd., Heathsville 22473. Owners: Pleasant Pointe Property Owners. No Contact. Services available are one slip, a dock and in-out ramp. Facility No. 797.
- 32. Location: On Fountain Lane, Heathsville 22473. Owner: OJN, Corp. No Contact. Services available are 2 slips, dock and an in-out ramp. Facility No. 759.
- 33. Location: On Curve Way, Heathsville 22473. Community ramp. No Contact. Service available is an in-out ramp.
- 34. Location: On Boatramp Rd., Heathsville 22473. Owners: Hull Harbour Homeowners Association. No Contact. Services available are 2 slips and an in-out ramp. Facility No. 767.
- 37. Location: On Greenway Place, Heathsville 22473. Owners: Oyster Cove Property Owners Association. Contact made with David Griffith, President. Services available are a dock and an in-out ramp, and solid waste containers. Facility No. 795.
- 42. Location: On Candy Point Rd., Heathsville 22473. Owner unknown. No Contact. Private boat landing with dirt in-out ramp.
- 43. Location: On Hull Neck Rd., Heathsville 22473. Owner unknown. No Contact. Private Dock. County records show property as Tax Map # 18-(1)-13 and owner as Anne Huske. Dock appears unusable. Facility No. 1152.



- 44. Location: On Hull Neck Rd., Heathsville 22473. Owner: Dave Tambellini. No Contact. Private Dock. Services available are a dock and electricity. Facility No. 1155.
- 47. Location: 4481 Hull Neck Rd., Heathsville 22473. Owner: Blanton Tate. No Contact. Private Docking Facility. Services available are dock, boathouse, with electric. Water may be supplied by a garden hose.
- 50. Location: On Potomac Way, Heathsville 22473. Owners: Chesapeake Cove Association Inc. Community Ramp.
- 54. Location: On Cubitt Creek Rd., Heathsville 22473. Owners: White Sand Harbour Property Owners Association. Contact with Mr. Estell Community Ramp and Dock. Facility No. 827.
- 56. Location: On Witchduck Lane, Heathsville 22473. Owners: Harbour Pointe Homeowners. No Contact. Community ramp and dock. Facility No. 763.
- 61. Location: End of Vir Mar Beach Rd., Heathsville 22473. Owner: Northumberland County. No Contact. Public landing / beach.
- 64. Location: End of Brammer Dr., Heathsville 22473. Owner: Chesapeake Bay Properties, Inc. Contact with Mr. Mitchell Bradley, President. Community dock and ramp.

#### **SECTION E: CONTRIBUTES ANIMAL POLLUTION**

- 4. Location: 61 Clarke Lane, Heathsville 22473. Dwelling – 2 story white siding with black shutters and black metal roof. No Contact. Present at time of survey were 5 goats and 10 15 chickens. Waste disposal is unknown.
- 26. Location: 4062 Newmans Neck Rd., Heathsville 22473. Dwelling – 1 story gray siding, gray shutters with black shingles. No Contact. Property is fenced. Observed were eight dogs within the fenced area. Waste disposal is unknown.
- 52. **DIRECT** – Location: 177 Mob Neck Rd., Heathsville 22473. Dwelling – green and white mobile home. 2 persons. Four dogs in kennel which is located < 100' at an elevation of 20' dropping to an elevation of 5' on Cubitt Creek. Waste disposal is unknown.
- 60. Location: 59 Vir Mar Beach Rd., Heathsville 22473. Dwelling – 1 ½ story white siding with metal roof. No Contact. Hack Neck Hunt Club. Present at time of survey were 15 hunting dogs (20 kennels available). Waste disposal is unknown, but kennels and area appears well maintained.

## SUMMARY

Area # 009

### POTOMAC RIVER: COAN RIVER TO GINNY BEACH

12 April 2006

#### SECTION B: SEWAGE POLLUTION SOURCES

##### 1. SEWAGE TREATMENT FACILITIES

0 – DIRECT – None  
0 – INDIRECT – None  
0 – B.1. TOTAL

##### 2. ON-SITE SEWAGE DEFICIENCIES – Correction of deficiencies in this section is the responsibility of the local health department.

5 – CONTRIBUTES POLLUTION DIRECT – # 1, 8, 27, 48, 67  
3 – CONTRIBUTES POLLUTION INDIRECT – # 7, 20, 22  
0 – CP– (Kitchen or Laundry Wastes), DIRECT – None  
1 – CP – (Kitchen or Laundry Wastes), INDIRECT – # 38  
4 – NO FACILITIES, DIRECT – # 53, 59, 61, 62  
2 – NO FACILITIES, INDIRECT – # 30, 38  
15 – B.2. TOTAL

##### 3. POTENTIAL POLLUTION

Periodic surveillance of these properties will be maintained to determine any status change.

27 – POTENTIAL POLLUTION – # 3, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 21, 23, 25, 28, 35, 39, 40, 49, 51, 55, 57, 58, 63, 65, 66, 68

#### SECTION C: NON-SEWAGE WASTE SITES

##### 1. INDUSTRIAL WASTE SITES

1 – DIRECT – # 46  
0 – INDIRECT - None  
1 – C.1. TOTAL

##### 2. SOLID WASTE SITES

0 – DIRECT – None  
1 – INDIRECT – # 36  
1 – C.2. TOTAL

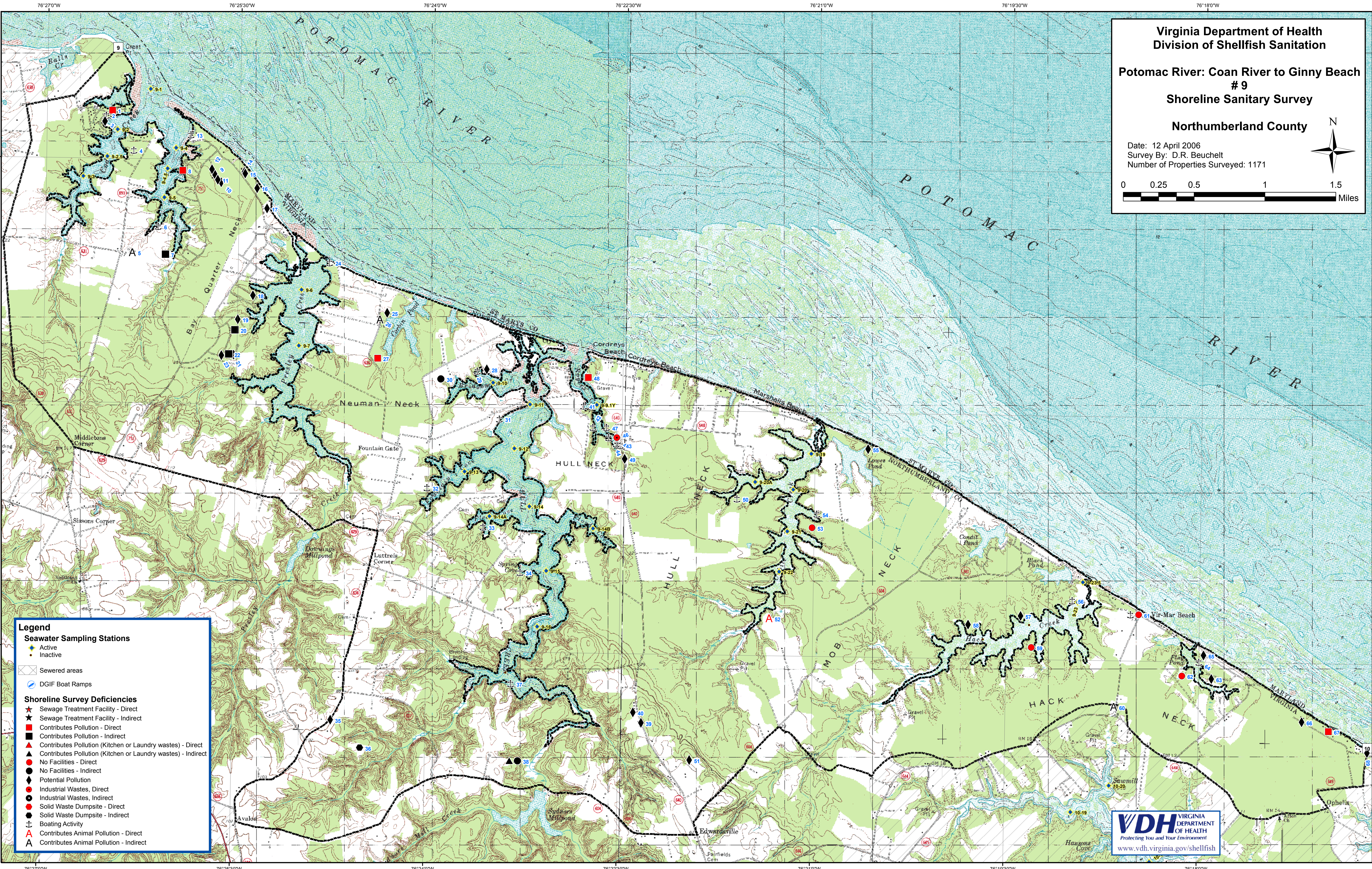
#### SECTION D: BOATING ACTIVITY

0 – MARINAS – None  
6 – OTHER PLACES WHERE BOATS ARE MOORED - # 2, 4, 13, 41, 45, 46  
17 – UNDER SURVEILLANCE – # 6, 24, 29, 31, 32, 33, 34, 37, 42, 43, 44, 47, 50, 54, 56, 61, 64  
23 – D. TOTAL

#### SECTION E: CONTRIBUTES ANIMAL POLLUTION

1 – DIRECT – # 52  
3 – INDIRECT – # 5, 26, 60  
4 – E. TOTAL





**Virginia Department of Health**  
**Division of Shellfish Sanitation**

**Potomac River: Coan River to Ginny Beach**  
**# 9**  
**Shoreline Sanitary Survey**

**Northumberland County**

Date: 12 April 2006  
Survey By: D.R. Beuchelt  
Number of Properties Surveyed: 1171

0 0.25 0.5 1 1.5  
Miles

N

**Legend**

**Seawater Sampling Stations**

- Active
- Inactive

Sewered areas

DGIF Boat Ramps

**Shoreline Survey Deficiencies**

- Sewage Treatment Facility - Direct
- Sewage Treatment Facility - Indirect
- Contributes Pollution - Direct
- Contributes Pollution - Indirect
- Contributes Pollution (Kitchen or Laundry wastes) - Direct
- Contributes Pollution (Kitchen or Laundry wastes) - Indirect
- No Facilities - Direct
- No Facilities - Indirect
- Potential Pollution
- Industrial Wastes, Direct
- Industrial Wastes, Indirect
- Solid Waste Dumpsite - Direct
- Solid Waste Dumpsite - Indirect
- Boating Activity
- Contributes Animal Pollution - Direct
- Contributes Animal Pollution - Indirect

**VDH**  
VIRGINIA  
DEPARTMENT  
OF HEALTH  
Protecting You and Your Environment  
[www.vdh.virginia.gov/shellfish](http://www.vdh.virginia.gov/shellfish)